

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

M&MI - ISPP – Revised administrative approval for “Investigation, Survey, Preparation of designs and drawings and Land Plan schedules etc., and (1) Construction of Earth Dam gaps-I and III, Earth-cum-Rockfill Dam for Gap-II, Spill Channel, Approach Channel and Pilot Channel, (2) Construction of Spillway with crest level +25.72 and its ancillary works including R/s and L/s connectivities and (3) Excavation of foundations of 960MW Hydro Electric Power House, Approach Channel, Intake Structure, Tail Race Pool, Tail Race Channel etc., and balance Power Plant civil works & Power Plant Electrical and Mechanical equipment of Indira Sagar Polavaram Project” for Rs.7372.22 Crores – Orders – Issued.

IRRIGATION & CAD (PW M&MI CA.II) DEPARTMENT

G.O.Ms.No. 5

Dated. 06-02-2013.
Read the following:-

1. G.O.Ms.No.129, Irrigation & CAD (PW.GV) Dept., Dt:6.11.2004.
2. G.O.Ms.No.54, I&CAD (Maj.Irrg.1(2) Dept., dated.21.03.2005 .
3. G.O.Ms.No.82, I&CAD (Maj.Irrg.1(2) Dept., dated.08.05.2008.
4. From the Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram. Lr.No.ENC/ISPP/DCE/OT.3/AEE.1/F30V7, Dt:31-10-2011, Dt:19.12.2011 and Dt:29.01.2013

>><<

ORDER :

Government in the G.O. 1st and 3rd read above have accorded revised administrative approval for an amount of Rs.1175.935 Crores for construction of (i) Spillway of 985.50 M length (ii) Connectivity from the reservoir to right main canal and (iii) Connectivity from reservoir to left main canal of Indira Sagar Polavaram Project. Further Government have accorded administrative approval for Earth-Cum-Rockfill Dam across main river (including Spill Channel and Approach Channel) and Hydro-Electric Power block of Indira Sagar Polavaram Project for Rs.2865.00 Crores vide G.O. 2nd read above.

2. The Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram in the letters 4th read above, has reported that the head works of the project consists of the following main components:

- 1) Earth-cum-Rockfill Dam across Godavari.
- 2) Spilway regulator in the right side saddle
- 3) Left side connectivities
- 4) Right side connectivities
- 5) 960 MW Hydro Electric Power Plant including Civil, Electrical and Mechanical works.

3. The administrative approval for Earth-cum-Rockfill Dam alone is Rs.943.97 Crores. The estimate for Earth-cum-Rockfill Dam including Spill Channel and Approach Channel was technically sanctioned for Rs.896.75 Crores. Tenders were invited in 12/2005 for this work and awarded to M/s. CR18G-BSCPL(JV), Hyderabad for Rs.884.00 Crores and the agency has executed only 1.68% of the total work.

4. The estimate for Spillway was technically sanctioned for Rs.748.60 Crores vide CER No.6/2004-05, dated:11.02.2005 and the work was awarded to M/s Madhucon-Sinohydro (JV) for Rs.633.60 Crores. The Spillway work was executed to an extent of 17.29% of total work.

5. Due to poor progress of Spillway and Earth-Cum-Rockfill Dam, the contracts for the works of Spillway and Earth-cum-Rockfill Dam were pre-closed on 28.08.2009 with the consent of executing agencies vide Govt. Memo.No.22241/Maj.Irri.1(2)/2009, I&CAD (PW Maj.Irri.1(2) Department, Dated:27.08.2009 and Memo.No.24676/Maj.Irri.1/2009, Dt:23.09.2009. The pre-closure of subsisting contracts of Spillway and Earth-Cum-Rockfill Dam was ratified vide Govt.Memo.No.22241/ Maj.Irri.1(2)/2009, I&CAD (PW Maj.Irri.1(2) Department, Dt:14.05.2010, and it was directed to proceed with the tender process treating all the three components of Indira Sagar Polavaram Project works including Power component as a single unit. Tender notice was issued on 28/08/2009 for the three components of Head works together to fix up single agency and there was no response.

6. Further the Government vide Memo.No.26368/Maj irri1(2)/2010-3, Dt:04-06-2011 have permitted the Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram. to call for tenders of Indira Sagar Polavaram, Head Works i.e., Spillway, Earth cum Rock Fill Dam (3 gaps), Approach channel and spill channels including foundation excavation of foundation of power house only for Power Block i.e. combined work comprising items of work covered under G.O.Ms.No.82, Dt:08.05.08 and G.O.Ms.No.54, Dt:24.03.2005.

7. The Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram has also reported that the revised estimates of Earth cum Rock fill dam and Spillway are prepared based on the designs and drawings approved by Central Water Commission, New Delhi and the suggestions made by the Designs Expert Committee keeping in view the site conditions and considering the latest SSR i.e. 2011-12 adopting the cement and steel rates for the month of 6/2011. Further the Revised Estimate proposals of Indira Sagar Polavaram Project for Rs.7372.22 Crore were placed before the Engineer-in-Chief's Committee, as per Govt. Memo.No.30785/Reforms-A1/2010-1, Dt:16.12.2010. The Engineer-in-Chief's Committee met on 20.10.2011 and opined that the increase in cost is mainly due to the change of SSR and increase in quantities based on the design finalized by CWC and the revised estimates for Rs.7372.22 crores are in order subject to certification by project authorities regarding quantities, leads and rates adopted in the finalized revised estimates as detailed below:

Original Administrative Approval (As per the above 2 GO's)	: Rs.4040.935 Crores
Present Revised Estimate submitted for Approval	: Rs.7372.220 Crores
Excess amount	: Rs.3331.285 Crores
% Excess	: (+) 82.44 %

8. In view of the above circumstances stated by the Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram and based on the recommendations of Committee of Engineer-in-Chiefs', Government after careful examination hereby accord Revised Administrative Approval for the work of "Investigation, Survey, Preparation of designs and drawings and Land Plan schedules etc., (balance) and 1) Construction of Earth Dam gaps-I & III, Earth-cum-Rock Fill Dam for Gap-II, Spill Channel, Approach Channel and Pilot Channel 2) Construction of Spillway with crest level +25.72 and its ancillary works including R/s and L/s connectivities and 3) Excavation of foundations of 960MW Hydro Electric Power House, Approach Channel, Intake Structure, Tail Race Pool, Tail Race Channel etc., and balance Power Plant civil works & Power Plant Electrical and Mechanical equipment of Indira Sagar Polavaram Project" for an amount of Rs.7372.22 Crores (Rupees seven thousand three hundred seventy two crores and twenty two lakhs only) vide Annexure enclosed.

//3//

9. The expenditure sanctioned above shall be debited to the Head of Account "DA 4700 – Capital outlay on Major Irrigation 01 – Major Irrigation – Commercial – MH (120) – Polavaram Barrage (Indira Sagar Project).

1. GH (11) - Normal State Plan – SH (26) D&A works.
2. GH (11) – Normal State Plan –SH (51) TSP
3. GH (11) - Normal State Plan – SH(50) SCP
4. GH (21) - AIBP – SH (26) D&A works
5. GH (21) - AIBP – SH (51) TSP
6. GH (21) - AIBP – SH (50) SCP"

10. The Engineer-in-Chief, Indira Sagar Project shall take necessary action accordingly.

11. This order issues with the concurrence of the Finance (W&P) Department vide their U.O.No.239/F7(A1)/12-1, Dated.02-03-2012.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHAILENDRA KUMAR JOSHI
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Engineer-in-Chief, Indira Sagar Polavaram Project, Dowlaiswaram, East Godavari District.

Copy to:

The District Collector, East Godavari and West Godavari.

The Accountant General, AP, Hyderabad.

The Director of Works Accounts, Hyderabad.

The Finance (W&P) Department.

P.S. to Spl.Secy. to C.M.

P.S. to M(M&MI).

P.S. to Prl.Secy., (P), I&CAD Dept.

Stock file /Spare copy.

//FORWARDED::BY ORDER//

SECTION OFFICER.

(PTO for Annexure)

ANNEXURE TO G.O.Ms.No. 5 , IRRIGATION, COMMAND AREA DEVELOPEMENT
(PW M&MI CA.II) DEPARTMENT, DATED.06-02-2013.

(Rupees in Crores)

Sl.No.	Description	Amount as per Revised Estimate now approved
1. <u>SPILL WAY</u>	Preiliminaries	4.500
	Works	1955.630
	Land	2.025
	Buildings	14.160
	Communications	6.300
	Plantation	1.000
	Miscellaneous	0.200
	Total	1983.815
	Right side and Left side Connectivities	514.885
	Total	2498.700
2.Earth Cum Rock Fill Dam	Preiliminaries	13.140
	Works	2896.450
	Land	11.500
	Buildings	5.440
	Communications	7.000
	Plantation	1.000
	Miscellaneous	17.960
	Total	2952.490
	Hydro Electric Power House including Power Plant Civil works, Power Plant E&M Equipment	1921.030
	Total	4873.520
	GRAND TOTAL (1 + 2)	7372.220

(Rupees seven thousand three hundred seventy two crores and twenty two lakhs only)

SHAILENDRA KUMAR JOSHI
PRINCIPAL SECRETARY TO GOVERNMENT